

ABSTRACT OF THE DISCLOSURE

An apparatus for stacking a predetermined number of X-ray films has a sheet member holding device disposed above a stacking position for temporarily holding at least a first X-ray film, and an actuating device for displacing the sheet member holding device from the stacking position to drop the X-ray film held by the sheet member holding device into the stacking position. The apparatus is capable of stacking a plurality of X-ray films highly accurately and efficiently in the stacking position while avoiding damage to the X-ray films.